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Jul. 24, 1979**[54] ZONAL BIFOCAL CONTACT LENS****[76] Inventor:** Allen L. Cohen, 5795 Stevens Forest Rd., Columbia, Md. 21045**[21] Appl. No.:** 833,368**[22] Filed:** Sep. 14, 1977**[51] Int. Cl.²** G02B 3/08; G02B 3/10; G02C 7/04**[52] U.S. Cl.** 351/161; 350/211**[58] Field of Search** 351/160, 161; 350/211**[56] References Cited****U.S. PATENT DOCUMENTS**2,077,092 4/1937 Broder 350/211
3,004,470 10/1961 Ruhle 350/211**FOREIGN PATENT DOCUMENTS**

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OTHER PUBLICATIONSZiegler, J. F., "Fabrication or Correction of Optical Lenses", *IBM Technical Disclosure Bulletin*, vol. 12, No. 10, Mar. 1970, pp. 1573-1575.*Primary Examiner*—John K. Corbin*Assistant Examiner*—Scott J. Sugarman**[57]****ABSTRACT**

A multifocal lens design suitable for use as an ophthalmic contact lens. A zonal bifocal contact lens utilizes the multifocal Fresnel lens designs which have their multifocal property distributed approximately throughout the lens. This is accomplished by a lens construction in which the optical facets are interfaced without any non-refractive ledges or steps occurring between adjacent facets.

1 Claim, 3 Drawing Figures